



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

HONG *et al.*

Appl. No.: 10/799,923

Filed: March 15, 2004

For: **Method Of Producing Metal  
Nanocomposite Powder  
Reinforced With Carbon  
Nanotubes And The Powder  
Prepared Thereby**

Confirmation No.: 6840

Art Unit: 1742

Examiner: Wyszomierski, G.P.

Atty. Docket: 2236.006000/JUK/SMW

**First Supplemental Information Disclosure Statement  
Filing Under 37 C.F.R. § 1.97(b)**

*Mail Stop Amendment*

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Copies of documents **AR2** to **AT3** are submitted. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of U.S. patents, documents **AB1** to **AH1**, cited on the attached Information Disclosure Statement Forms are not submitted.

The Examiner's attention is directed to copending U.S. Publication No. 2004/0217520 A1, which is directed to related technical subject matter. The identification of this U.S. Patent Application is not to be construed as a waiver of secrecy as to these applications now or upon issuance of the present application as a patent. The Examiner is respectfully requested to consider the cited application and the file history.

Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not in issue. Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed before the mailing of a first Office Action after the filing of a request for continued examination under 37 C.F.R. § 1.114. No statement or fee is required.

It is respectfully requested that the Examiner initial and return a copy of the enclosed Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

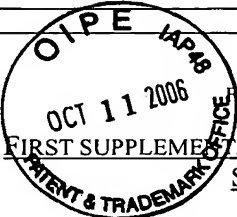
STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Date: October 11, 2006

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 <p>FORM PTO-1449</p>	ATTY. DOCKET NO. 2236.0060000/JUK/SMW	APPLICATION NO. 10/799,923
	APPLICANT(S) Hong <i>et al.</i>	
	FILING DATE February 19, 2004	ART UNIT 1742

### U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA						
	AB1	5,627,140	05/06/1997	Fossheim <i>et al.</i>			05/19/1995
	AC1	6,299,812 B1	10/09/2001	Newman <i>et al.</i>			08/16/1999
	AD1	6,346,136 B1	02/12/2002	Chen <i>et al.</i>			03/31/2000
	AE1	6,420,293 B1	07/16/2002	Chang <i>et al.</i>			08/25/2000
	AF1	6,858,173 B2	02/22/2005	Zhan <i>et al.</i>			01/30/2003
	AG1	2004/0217520 A1	11/04/2004	Hong <i>et al.</i>			02/19/2004
	AH1	2004/0167009 A1	08/26/2004	Kuntz <i>et al.</i>			02/26/2003

### FOREIGN PATENT DOCUMENTS

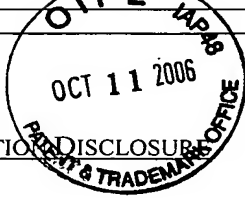
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
							Yes
							No
							Yes
							No
							Yes
							No

### OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Laurent, C., <i>et al.</i> , "Carbon Nanotubes-Fe-Alumina Nanocomposites. Part II: Microstructure and Mechanical Properties of the Hot-Pressed Composites," <i>J. Eur. Ceram. Soc.</i> 18:2005-2013, Elsevier Science Ltd. (1998)
	AS	2	Peigney, A., <i>et al.</i> , "Carbon nanotubes in novel ceramic matrix nanocomposites," <i>Ceram. Int.</i> 26:677-683, Elsevier Science Ltd. (2000)
	AT	2	Siegel, R.W., <i>et al.</i> , "Mechanical behavior of polymer and ceramic matrix nanocomposites," <i>Scripta Mater.</i> 44:2061-2064, Elsevier Science Ltd. (2001)

EXAMINER	DATE CONSIDERED
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**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <b>FIRST SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>			ATTY. DOCKET NO. 2236.0060000/JUK/SMW	APPLICATION NO. 10/799,923
APPLICANT(S) Hong <i>et al.</i>			FILING DATE February 19, 2004	ART UNIT 1742

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE

FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
							Yes
							No
							Yes
							No
							Yes
							No
							Yes
							No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
	AR	<u>3</u>	Hwang, G.L. <i>et al.</i> , "Carbon nanotube reinforced ceramics," <i>J. Mater. Chem.</i> , 11:1722-1725 The Royal Society of Chemistry (2001)
	AS	<u>3</u>	Ning, J., <i>et al.</i> , "Fabrication and mechanical properties of SiO <sub>2</sub> matrix composites reinforced by carbon nanotube," <i>Mater. Sci. Eng. A357</i> :392-396 Elsevier Science B.V. (2003)
	AT	<u>3</u>	Ning, J., <i>et al.</i> , "Fabrication and thermal property of carbon nanotube/SiO <sub>2</sub> composites," <i>J. Mater. Sci. Let.</i> 22:1019-1021 Kluwer Academic Publishers (2003)

EXAMINER	DATE CONSIDERED
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